

In the drawings:

FIG. 6, from left

Body movement time BMT

Breath period RP

FIG. 7, from above

Cardiac cycle RR

Left ventricular ejection time ET

FIG. 8

PT ... microphone output signal

LV ... Level detection circuit

LP ... Low-pass filter

DF ... Differentiation amplifier

DT1 ... Maximum value detector

DT2 ... Maximum value detector

CU1 ... Counter

CU2 ... Counter

In TM1, upper ... Start

In TM1, lower ... Stop

In TM2, upper ... Start

In TM2, lower ... Stop

CU3 ... Counter

DT3 ... Maximum value detector

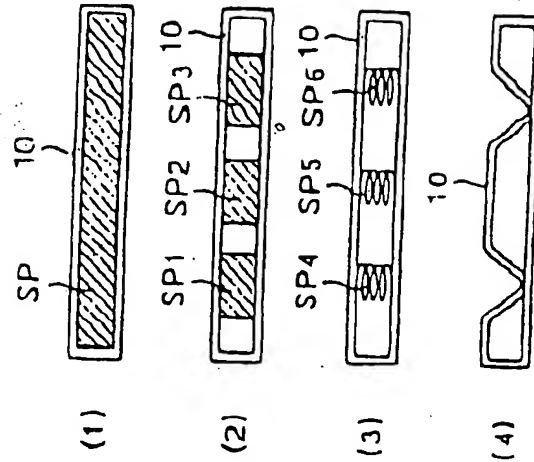
In TM3, upper ... Start

In TM3, lower ... Stop

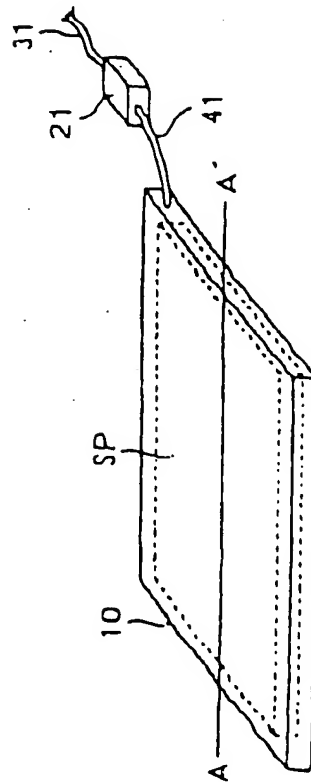
In TM4, upper ... Start

In TM4, lower ... Stop

図 1



(b)



(a)

图 2

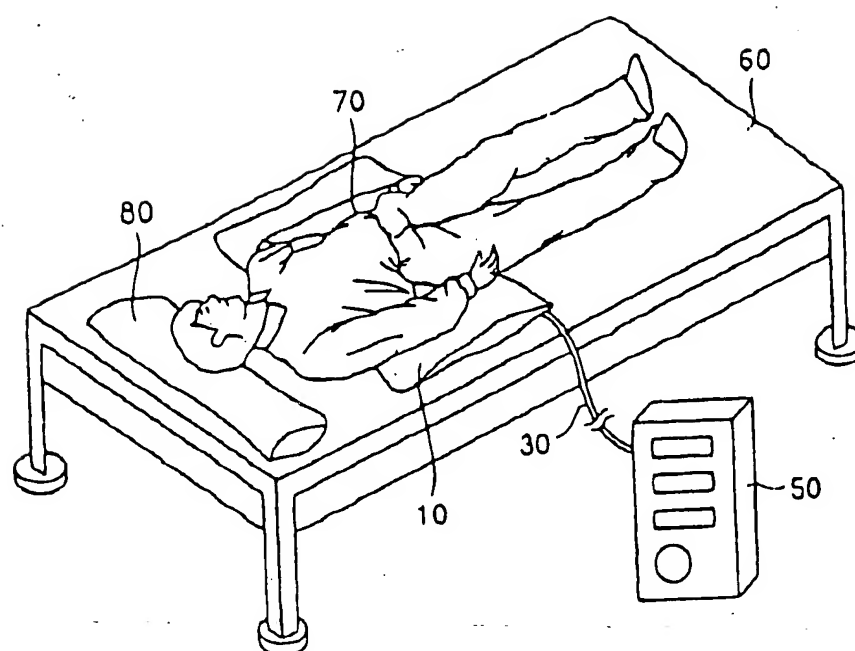
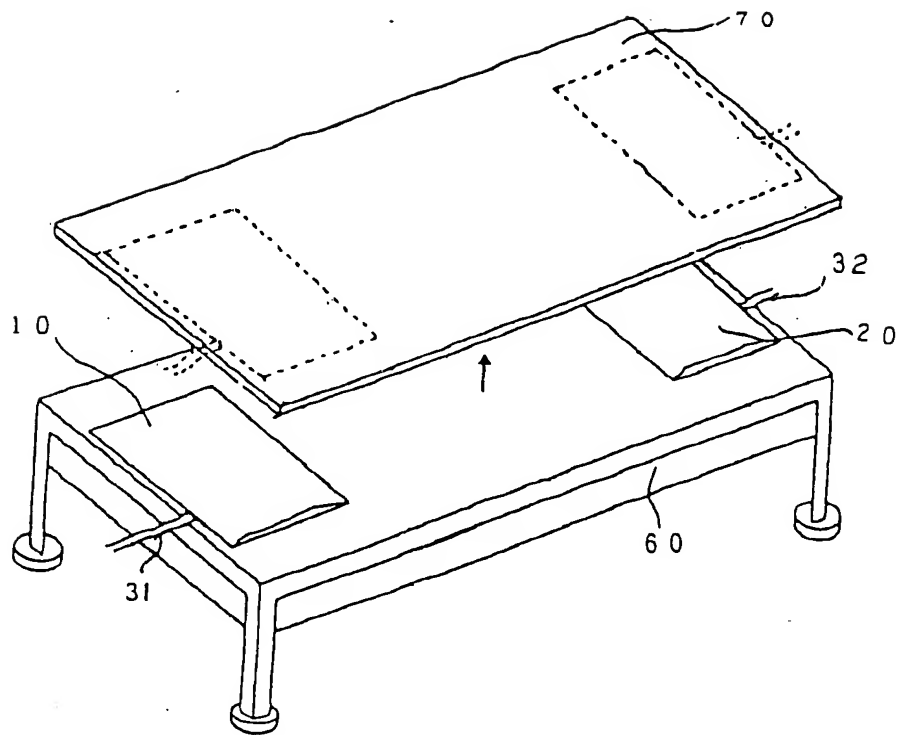


図 3



4

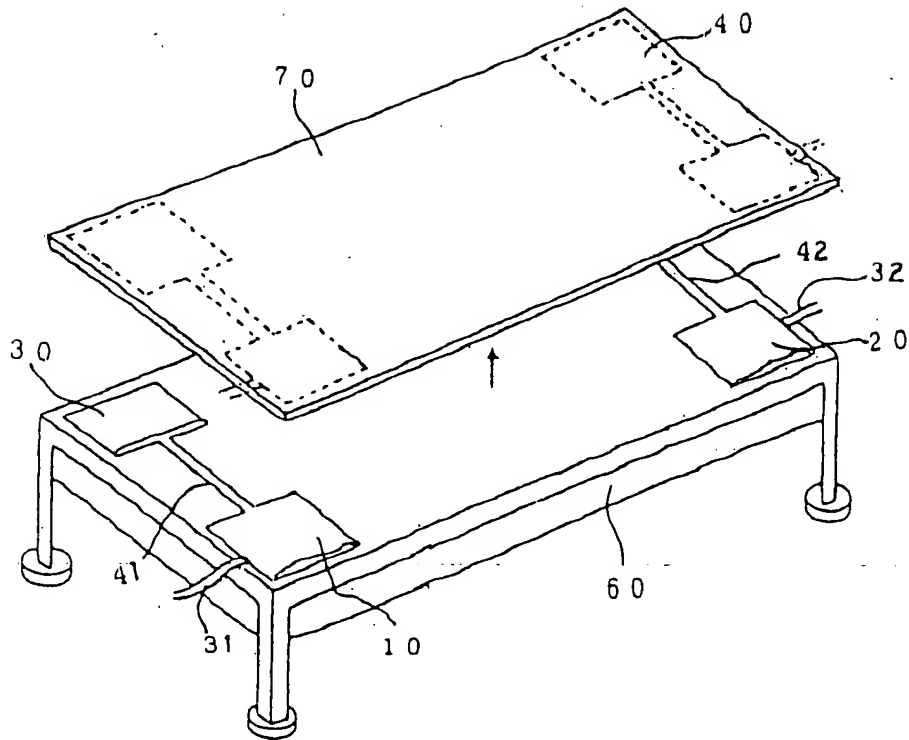
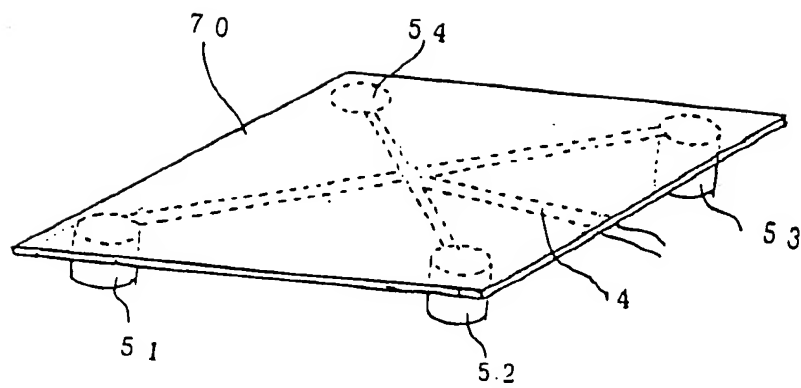


図5



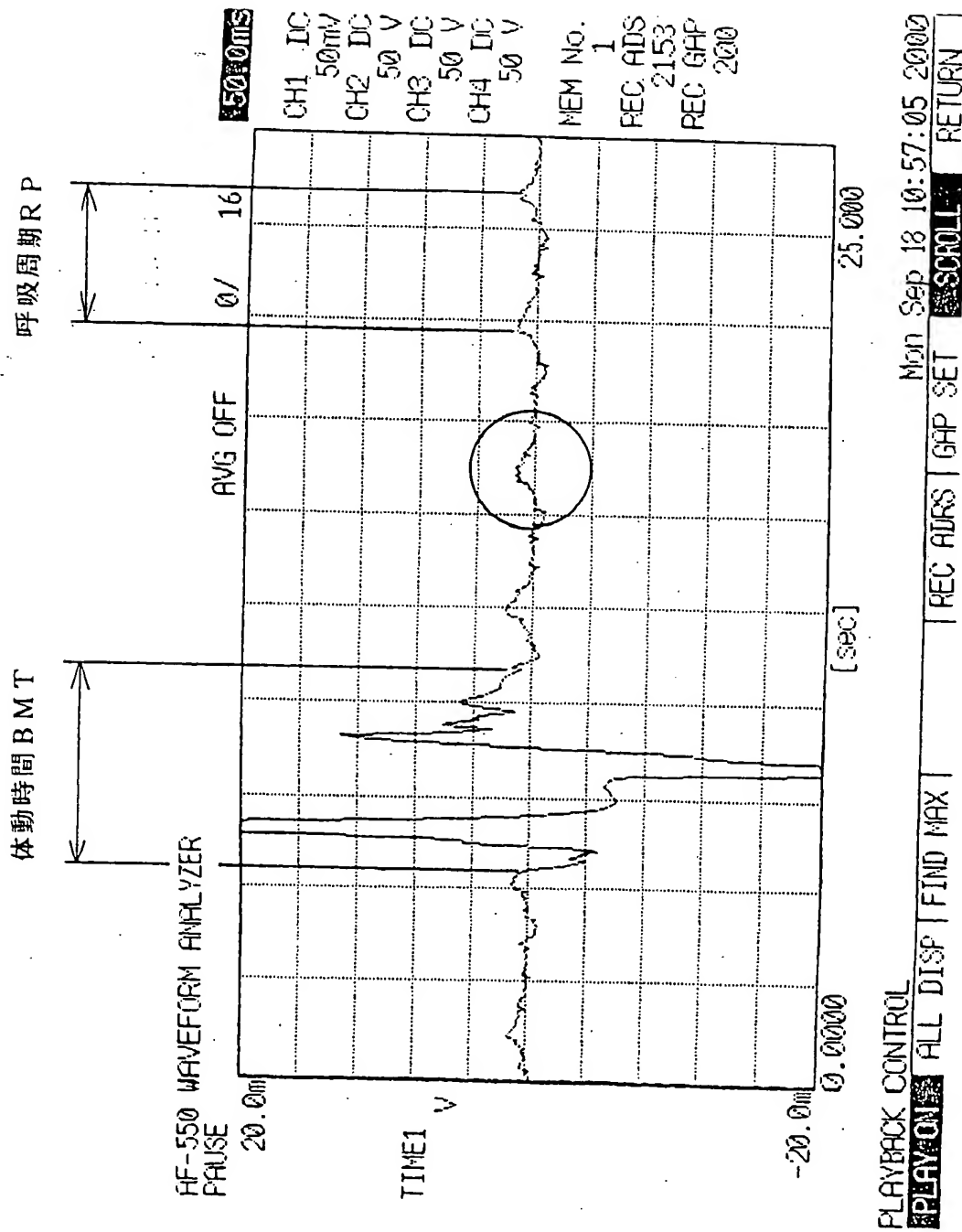




図 7

